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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/663,676

09/17/2003

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EXAMINER

TOPGYAL, GELEK W

ART UNIT

PAPER NUMBER

2621

MAIL DATE

DELIVERY MODE

03/06/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/663,676	Applicant(s) HASEGAWA ET AL.	
	Examiner GELEK TOPGYAL	Art Unit 2621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 9/17/2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>9/17/2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-22 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 1-22** are rejected under 35 U.S.C. 103(a) as being unpatentable over Smith-Semedo et al. to US 6,877,010 (herein referenced as "Smith").
4. **Regarding claims 1, 6, 7, 9, 13 and 18**, Smith teaches a video processing system that shoots video of moving objects at a plurality of points, extracts intended scenes, and compiles the extracted scenes into a video product, the system comprising:
a fixed camera (Fig. 4, Camera in "Media Pump" and Fig. 10 teaches of "Camera" data stored for each event) that captures video of each passing moving object, and a video storage controller that stores video data including the captured video of the moving objects and time stamps (col. 5, lines 18-50 teaches of "time codes" or "time stamps" being monitored) that indicate at what time each part of the video was captured;
(b) a plurality of time measurement units (col. 5, lines 18-50, "logging object") deployed at checkpoints (col. 5, lines 18-50, col. 15, lines 19-38 and Fig. 10 teaches of

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events being stored), each of which measures checkpoint passage time of each passing moving object and stores checkpoint time records including the measured checkpoint passage times (col. 5, lines 18-50, col. 15, lines 19-38 and Fig. 10 teaches of "time" or the "particular point in time" of when an event occurs) and identifiers (col. 5, lines 18-50, col. 15, lines 19-38 and Fig. 10 teaches of "member list(n)" or "name of player" associated with the particular event. An index of the events is thus created) of the individual moving objects; and

(c) a video authoring unit (col. 7, lines 26-37 and col. 15, lines 19-38 teaches of a search application) that searches the video data stored in said video recording units to find and extract scenes of one of the moving objects, using the checkpoint time records in association with the time stamps in the video data, and compiles the extracted scenes into a video product (col. 7, lines 26-37, col. 15, lines 19-38 and Fig. 28 teaches of a search application that uses the created index of events to search for a particular person's recorded sequences throughout the sporting event to create a player "report").

However, the system of Smith fails to particularly teach wherein a plurality of video recording units (cameras) are used.

It is suggested by the last definition of an "Event" in Figure 10, wherein the camera used for a particular event is identified via a "Camera" field. Therefore, it is more than likely that more than one camera is used.

It is well known and old in the art to use multiple cameras to record an event, therefore Official Notice is taken. It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the ability to use multiple

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cameras (video recording units) into the system of Smith to allow for an increase in video footage to be used for generating reports on a particular player.

Regarding claim 2, the system of Smith teaches the claimed wherein said video authoring unit creates index files containing time stamp numbers that derive from the checkpoint time records and uses the index files to find scenes of one of the moving objects that is specified (as discussed in claim 1 above, an index of all the events during a sporting event is created).

Regarding claim 3, the system of Smith teaches the claimed wherein said video authoring unit produces and uses a video configuration file that contains parameters including at least one of video shooting section, checkpoint, and video record start time and length, whereby said video authoring unit can extract scenes in various ways (as discussed in claim 1 above with the ability to use any of the data stored in the Index to create a report).

Regarding claim 4, the system of Smith teaches the claimed wherein: two or more of said video recording units are placed around one of the checkpoints; and using the video configuration file, said video authoring unit extracts a plurality of video clip files from the video data that has been captured at said one of the checkpoints (as discussed in claim 1 above, wherein the system can employ multiple cameras that are shooting the same sporting event).

Regarding claim 5, the system of Smith teaches the claimed wherein said video recording units insert identifiers into the video data in association with the checkpoint

passage times to identify the individual moving objects (as discussed in claim 1 above with the ability to apply a player's name to the indexed event data).

Claims 8, 17 and 22 are rejected for the same reasons as discussed in claim 5 above.

Claims 10, 14 and 19 are rejected for the same reasons as discussed in claim 2 above.

Claims 11, 15 and 20 are rejected for the same reasons as discussed in claim 3 above.

Claims 12, 16 and 21 are rejected for the same reasons as discussed in claim 4 above.

Conclusion

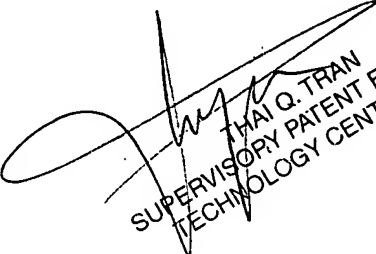
Any inquiry concerning this communication or earlier communications from the examiner should be directed to GELEK TOPGYAL whose telephone number is (571)272-8891. The examiner can normally be reached on 8:30am -5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Gelek Topgyal/
Examiner, Art Unit 2621


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